

waist pack 78 is also shown to include a pump 90 which is substantially the same as the pump 38 and 48 previously described. A battery pack 92, which is substantially similar to the battery pack 40 previously described, is disposed in electrical communication with the pump 90 via a connection wire (not shown) as before. Preferably, as before, the pump 90 and battery pack 92 are enhanced in a substantially secured condition to each other, through the use of a suitable securing device, such as hook and loop fasteners, bands or straps. In similar manner as before, a dispensing tube 94 is disposed in communication with the pump 90 and exits the waist pack 78 for manipulation by the user. Also, an actuating device is again provided along the dispensing tube 94 for controlling the activity of the pump 90. Preferably, as before, this is provided as a mercury switch 96 which is disposed in electrical communication with at least one of the pump 90 and the battery pack 92 by an actuating wire 98 disposed therebetween. Alternatively, a mechanical switch may be employed as the actuating device in this arrangement as well. In this arrangement, a fluid is shown in FIG. 12 as being sprayed into the face of the user.

It will be appreciated that the foregoing description of the preferred embodiment of the invention is presented by way of illustration only and not by way of any limitation. For example, various other configurations for the personal fluid delivery device, including the fluid reservoir system and the electronic pump system may be used. In addition, these systems may be located within or upon various other types of attachments which may be hand-portable, body-carried or disposed in proximity to a person or an associated item of equipment with which the person is working. Also, other types of activating devices may be used. Various alternatives and modifications may therefore be made to the illustrated embodiments without departing from the spirit and scope of the invention.

What is claimed is:

1. A personal fluid delivery device comprising:
 - a hand-portable fluid reservoir operable for containing a fluid;
 - a hand-portable electronic pump disposed in communication with said fluid reservoir, said pump operable for delivering fluid from said reservoir;
 - an electrical power supply for supplying power to the pump;
 - a dispensing tube disposed in communication with said pump, said dispensing tube operable for providing a passageway for dispensing fluid from said fluid reservoir; and
 - an actuating device disposed in electrical communication with at least one of said electrical power supply and said pump, said actuating device operable for selectively actuating said pump in response to a manipulation of said dispensing tube to a specific orientation.
2. The personal fluid delivery device according to claim 1, further comprising a delivery tube operable for providing a passageway for the delivery of fluid from said fluid reservoir to said pump.
3. The personal fluid delivery device according to claim 1, wherein said actuating device is a mercury switch disposed upon said dispensing tube.
4. The personal fluid delivery device according to claim 1, wherein said fluid reservoir is mountable upon a person's body.
5. The personal fluid delivery device according to claim 1, wherein said fluid reservoir is mountable upon a bicycle.
6. The personal fluid delivery device according to claim 1, further comprising a body-carried container suitable for supporting said fluid reservoir.
7. The personal fluid delivery device according to claim 1, further comprising a body-carried container suitable for supporting said fluid reservoir, said pump and said electrical power supply.

8. The personal fluid delivery device according to claim 1, wherein said electrical power supply is a battery pack comprising at least one disposable battery.

9. The personal fluid delivery device according to claim 1, wherein said electrical power supply is a battery pack comprising at least one rechargeable battery.

10. The personal fluid delivery device according to claim 1, wherein said electrical power supply and said pump are removably attachable to said fluid reservoir.

11. The personal fluid delivery device according to claim 6, wherein said container further includes said electrical power supply and said pump.

12. The personal fluid delivery device according to claim 6, wherein said electrical power supply and said pump are disposed within a pouch that is removably attachable to said container.

13. The personal fluid delivery device according to claim 1, wherein said dispensing tube includes a nozzle at a dispensing end thereof.

14. The personal fluid delivery device according to claim 1, wherein said dispensing tube includes a valve at a dispensing end thereof.

15. The personal fluid delivery device according to claim 1, wherein said fluid is a potable beverage.

16. A personal fluid delivery device comprising:

- a fluid reservoir operable for containing a potable beverage and located within a backpack suitable for mounting upon a person's back;
- an electronic pump disposed in communication with said fluid reservoir and operable for delivering fluid from said reservoir, said electronic pump located within a pouch that is removably attachable to said backpack;
- a battery pack disposed adjacent said electronic pump within said pouch, said battery pack operable for supplying electrical power to said electronic pump;
- a delivery tube disposed in communication with said fluid reservoir and said electronic pump, said delivery tube operable for providing a passageway for the delivery of fluid from said fluid reservoir to said electronic pump;
- a dispensing tube disposed in communication with said electronic pump, said dispensing tube operable for providing a passageway for the dispensing of fluid from said fluid reservoir by said electronic pump; and
- an actuating device disposed upon said dispensing tube, said actuating device disposed in electrical communication with at least one of said battery pack and said electronic pump, said actuating device operable for selectively actuating said electronic pump in response to a manipulation of said dispensing tube to a specific orientation.

17. A personal fluid delivery device comprising:

- a hand-portable electronic pump operable for being disposed in communication with a fluid reservoir for delivering fluid from said reservoir;
- an electrical power supply for supplying power to the pump; and
- an actuating device disposed in electrical communication with at least one of said electrical power supply and said pump, said actuating device operable for being disposed upon a dispensing tube in communication with said fluid reservoir and operable for selectively actuating said pump in response to a manipulation of said dispensing tube to a specific orientation.

18. The personal fluid delivery device according to claim 17, wherein said actuating device is mercury switch disposed upon said dispensing tube.

19. The personal fluid delivery device according to claim 17, further comprising a pouch operable for substantially containing said electronic pump and said electrical power